

AMENDMENTS TO THE CLAIMS

The following listing of claims will replace all prior versions and listings of claims in the application.

LISTING OF CLAIMS

1-10. (cancelled)

11. (previously presented) A fastener assembly comprising:

a threaded fastener formed from a first metal;

a metallic fastener insert; and

a receiving element;

wherein at least one of the metallic fastener inserts and the receiving element is formed from second metal;

whereby said fastener insert is coated with a chromate free fluoropolymer composition to reduce the potential occurrence of galvanic corrosion in the fastener assembly, wherein compared with an insert coated with chromate-containing fluoropolymer composition, the insert coated with a chromate-free fluoropolymer composition performs better in a prevailing torque test.

12. (original) The fastener assembly of Claim 11, wherein said coating has an average dry thickness of between about 0.3 to 0.5 mils.

13. (original) The fastener assembly insert of Claim 11, wherein said coating has an average viscosity at the time of application of between about 20 to 30 seconds at 25°C.

14. (previously presented) A coated metallic fastener insert of a fastener assembly including metallic fastener and a receiving element for said fastener insert, at least one of said insert, fastener and receiving element being formed from a metal alloy which is different from the metal of the other of said insert, fastener or substrate, said insert comprising:

a substantially cylindrical body of helically wound wire including a plurality of convolutions wherein the outer surface is coated with a chromate free fluoropolymer composition to preclude galvanic corrosion within said fastener assembly, wherein compared with an insert coated with chromate-containing fluoropolymer composition, the insert coated with a chromate-free fluoropolymer composition performs better in a prevailing torque test using tangless inserts.

15. (original) The coated metallic fastener insert of claim 14, wherein said insert is formed from stainless steel.

16. (original) The coated metallic insert of claim 14, wherein said insert reduces galling of said fastener.

17. (original) The coated metallic fastener insert of claim 14, further comprising a primer applied to said insert prior to the application of said fluoropolymer composition.

18. (original) The coated metallic fastener insert of claim 14, wherein said coils of said insert provide 60° internal screw threads upon insertion within said tapped hole.

19. (previously presented) The coated metallic fastener insert of claim 14, wherein the insert is tangless.

20. (previously presented) The fastener assembly of claim 11, wherein the insert is tangless.

21. (new) The fastener assembly of claim 11, wherein the receiving element is a tapped hole.

22. (cancelled)

23. (new) A fastener assembly comprising:
a threaded fastener formed from a first metal;
a metallic fastener insert; and
a receiving element;
wherein at least one of the metallic fastener inserts and the receiving element is formed from second metal;
whereby said fastener insert is coated with a chromate free fluoropolymer composition to reduce the potential occurrence of galvanic corrosion in the fastener assembly.

24. (new) The fastener assembly of claim 23, wherein said coating has an average dry thickness of between about 0.3 to 0.5 mils.

25. (new) The fastener assembly insert of claim 23, wherein said coating has an average viscosity at the time of application of between about 20 to 30 seconds at 25°C.

26. (new) The fastener assembly of claim 23, wherein the insert is tangless.

27 (new) The fastener assembly of claim 23, wherein the receiving element is a tapped hole.

28. (cancelled)